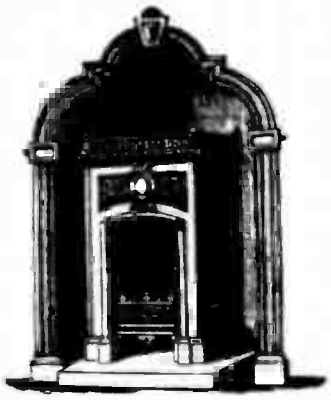


IMPORTANT IMPROVEMENTS IN WARMING AND VENTILATING

CHURCHES, CHAPELS, INFANT AND OTHER SCHOOLS, PUBLIC BUILDINGS AND PRIVATE DWELLINGS, &c. &c.

BY MEANS OF

PIERCE'S NEWLY-INVENTED PATENT

PYRO-PNEUMATIC PURE WARM AIR SELF-ACTING AND VENTILATING STOVE GRATE.

PIERCE solicits an examination of his newly-invented method of WARMING AND VENTILATING, by means of his Patent Pyro-Pneumatic Stove Grate, which, from the

NOVELTY OF ITS PRINCIPLE, SIMPLICITY OF ITS ARRANGEMENTS, AND ELEGANCE OF DESIGN,

combined with its great ECONOMY IN USE, renders this grate suitable for any situation where a POWERFUL DEGREE OF WARMTH, and the CHEERFUL OPEN FIRE are desirable.

PIERCE having at length succeeded in producing that long sought desideratum—a HEALTHFUL AND SALUBRIOUS atmosphere, such as is felt on a pleasant summer's day, which can, by means of this his Patent Pyro-Pneumatic Stove Grate, be enjoyed during the most dull and dreary of our winter months. The above invention is specially adapted for warming churches, infant and other schools, railway offices, entrance halls, banking houses, &c., &c., or any situation where warmth and purity of air are desirable.

IT MAY BE SEEN IN DAILY USE AT THE PATENTEE'S MANUFACTORY, 5, JERMYN-STREET, REGENT-STREET;

also warming the large MODEL ROOM at the SOCIETY OF ARTS, John-street, Adelphi (who have awarded their Honorary Medal to the inventor).

This newly-invented Stove-Grate has received the most favourable notices of the public press, for which see the prospectus and testimonials, to be obtained of the Patentee, at his

MANUFACTORY AND SHOW ROOMS, No. 5, JERMYN-STREET, REGENT-STREET.

VENTILATION.—TO ARCHITECTS, BUILDERS, GAS-FITTERS, AND GENERAL IRONMONGERS.—The attention of all concerned in the building and interior arrangements of houses is invited to the improved self-acting CHIMNEY VALVES constructed by Phillow and Co., on the principle invented and made public by Dr. N. Arnott, with some practical details added to the original design. These valves are now fixed in strong cast-iron boxes, with secret balances and adjusting screws and other improvements, devised on strictly scientific, yet simple principles, and are to be obtained at the following reduced prices:—

	japan'd s. d.		japan'd, white gold heads s. d.		s. d.
No. 6—10 by 7½	8 0				
No. 1—12 by 9	17 0	With trellis	22 0	With brass frame and trellis burnished	32 0
No. 2—14 by 10	22 0		28 0		40 0
No. 3—17 by 12	28 0	from	36 0		70 0

On receipt of a post-office order (payable at 63, High Holborn), including 6d. extra for package, any of the above sizes will be forwarded to any part of the country, with a sheet of drawings and full directions for fixing, &c.

PLATOW and Co's Wholesale Gas, Chandelier, and Fitting Manufactory and Warehouse, 15 and 16, High Holborn.

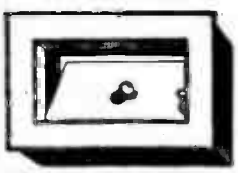
IMPROVED SELF-ACTING CHIMNEY VENTILATORS.

FOR CARRYING OFF HEATED AND IMPURE AIR from drawing rooms, sitting-rooms, bed-rooms, nurseries, offices, &c. &c., from 5s. each.—HURT and PUTTA, Manufacturers and Ironmongers, 63, York-street, Westminster, London.

Stoves, ranges, rain-water pipes, gutters, and builders' ironmongery, as low as any house in London. Delivered free within 6 miles.

DR. ARNOTT'S VENTILATING CHIMNEY VALVE.

With internal movement, and all the latest improvements.



Constructed for the ventilation of apartments generally.

REDUCED LIST OF PRICES.

	First size, 11 by 8	Second size, 14 by 9
Plain Iron Valve	6 0	8 6
Bronzed and Leathered	7 0	10 6
Japanned, white with Gold Heads	11 6	14 6
Ditto with Trellis work	17 0	20 0
Brass Front, lacqd. or bronzed	13 6	19 6
Ditto with Trellis work	19 0	27 0

Ventilators of any description made to order.

Manufactured by HART and SONS, 33, 34, 35, Wych-street, Strand, London.—Post-office orders payable at 130, Strand.

SMOKY CHIMNEYS.— "NO CURE NO PAY."

J. WILSON, Bricklayer and Surveyor of Chimneys, 1, Vale place, Hammersmith, begs to inform architects, surveyors, builders, and others, that he can guarantee a perfect cure of chimneys from smoking into rooms, and on the equitable terms of "No cure no pay." References and testimonials of the highest respectability can be given.

N.B. WILSON & Co's PATENT CHIMNEY POTS for the Cure of Smoky Chimneys, which have been extensively tested for the last four years, can be forwarded to any part of the Kingdom on receipt of a Post-office order. Prices and prospectuses by return of post. Licenses granted to manufacturers.

MANUFACTORY—VALE-PLACE, HAMMERSMITH, MIDDLESEX.

SMOKY CHIMNEYS.—WHITE'S UNIVERSAL CHIMNEY POT or VENTILATOR (registered April 11th, 1849) prevents "down draft," without the usual obstruction; may be fixed in any situation without raising the flue, has no moveable parts, and if required may be made to be swept with the common machine, thereby requiring no extra attention for years. As a ventilator for rooms of justice, churches, &c., its qualities are equally good, and both may justly be said to possess all the essentials combined in one machine.—Sold by Messrs DEANE and Co., London-bridge, and by agents throughout the United Kingdom.

To facilitate its application, the proprietor will forward, post free, patterns in paper of the important parts, with instructions and label, to any part on receipt of 7s. through the Jersey post office, by which the machine may be constructed at a small expense in the most remote localities. It would be necessary to state the size of the flue, and also whether it is required to be swept from the inside.—GEORGE WHITE, Proprietor, St. Mark's, Jersey.

TO ENGINEERS, BUILDERS, PLUMBERS, &c.

RAIN-WATER PIPES, Heads, Shoes, and Elbows, half-round and O G Gutters, Sash Weights, Railing Bars, Sink Gratings, Air Bricks, close and open Coal Plates, Scrapers, Tile Lights, Balcony Panels, narrow and navy sheets, &c.

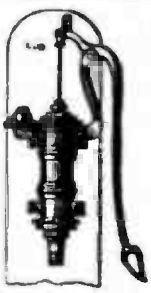
CAST and WROUGHT IRONWORK for STABLE FITTINGS, viz.—Rangers, Hay-racks, Ramps, Cills, Stable Traps, Gratings, &c.

GAS and WATER-PIPES, bends, branches, Tee pieces, syphons, and lamp columns; also hot-water pipes for heating buildings and hot-houses, and FLANGE PIPES, with all the usual connections. A large stock of the above CASTINGS at very low prices, at JONES's, Iron Bridge Wharf, No. 6, Bankside, Southwark.

TO ARCHITECTS, BUILDERS, AND BRICK-MAKERS.

PUMPS of Superior CONSTRUCTION, bored perfectly true by improved machinery, in various plain and ornamental patterns for Conservatories, Squares, Market Places, Roads, Gardens, and for Liquid Manure. BRICK-MAKERS' PUMPS, in Wrought and Cast Iron. HYDRAULIC LIFT PUMPS, and ENGINES for Wells of any depth. SINGLE and DOUBLE PUMPS up to twelve-inch bore, kept for Hire.

BENJ. FOWLER (late of 63, Dorset-street), removed to the new Factory, Whitefriars-street, Fleet-street.



TO BUILDERS AND PLUMBERS

THE attention of the Trade is called to

JOHN WARNER & SONS' PATENT VIBRATING STANDARD PUMP,

which is recommended for the simplicity of its construction, and the ease with which it works.

By the introduction of the vibrating standard the cumbrous carriage and expensive slings and guides are unnecessary, rendering the price considerably less than pumps made on the old plan.

Beer and Water Engines for raising fluids from a depth not exceeding 28 feet; also, Garden Engines constructed on the same principle.

JOHN WARNER & SONS, 8, Crescent, Jewin-street, London, Manufacturers and Patentees.

PUMPS, WATER-CLOSETS, and PLUMBERS' BRASSWORK.—Pan water-closets, with white basin complete, 27s. each; 2-inch lift pumps, 6s.; 3½-inch, 7s.; 3-inch, 8s.; 3½-inch, 11s. Well pumps and cocks for plumbers and engineers, of every description.—THOMAS MILLINGTON'S Manufactory, 67, Bishopsgate Without, London.

PAN CLOSETS, PUMPS, and PLUMBERS' BRASSWORK, &c.—Pan Closets, with White Basins, complete, 25s. each; 2-in. Lift Pumps, 5s.; Well Pumps, Cocks, and every description of Plumbers' Brasswork equally low, at M. CHANN'S old-established Manufactory, 34, Clifton-street, Finsbury-square, London.

Gun-metal Steam Cocks, Safety Valves, and Boiler or draw-off Cocks of all descriptions.

TO CONTRACTORS, BUILDERS, PLUMBERS, &c.

PUMPS.—M. A. RICHARDS keeps a large stock of WROUGHT and CAST-IRON PUMPS of all sizes, suitable for excavations, deep wells, roads, gardens, brick-fields, liquid manure, ships and barges, at reduced prices; single and double barrel pumps kept to hire. Well-boring tools, pipes, &c., of any dimensions, made on the shortest notice. Hot-water apparatus for churches, chapels, conservatories, &c., on the most economical and improved principles.—2, Old Barge House-street, Upper Ground-street, Blackfriars.—N.B. Estimates given for all kinds of ironwork.

TO PLUMBERS, BUILDERS, AND ENGINEERS.

CHEAPEST HOUSE IN LONDON for every description of best Town-made Brass and Copper Work.

PAN CLOSETS complete, with WHITE BASIN, 27s.—9-inch Lift Pumps, 6s.; 3½ in., 7½s.; 3½in. 8½s. 6d. Cocks; ½ in., 1s. 6d.; ¾-in. in., 2s.; ¾ in., 2s. 6d.—Copper Pipes, per foot: 1 in., 1s. 4d.; 1¼ in., 1s.; 1½ in., 1s. 8d.; 2 in., 1s. 6d.

Gun Metal Steam Cocks, Safety Valves, Steam and Water Indicators, &c., equally low at A. McGLASHAN'S, 18, Long-acre, and Hart-street, Covent Garden.

SEWERS, DRAINS, &c., would not crumble to pieces and disappoint the public if constructed of the material which Mr. Telford stated to be, "in fact, the hardest and most durable of any in England;" and which Mr. London considered to be almost equally hard as cast-iron, and, from its nature, incomparably more durable. Bricks of any form to line sewers, &c.; also drain pipes of every form and size, very true in form, and smooth inside (the blue colour being a natural and imperishable glaze), with the various connecting and syphon pipes, &c. &c. &c.—Address, THOMAS PEAKE, 4, Wharf, Macclesfield-street South, City-road Basin, London; or the Tileries, Tunstall, Staffordshire Potteries.

GLAZED STONE WARE DRAIN PIPES.—TURNER and MOUNTAGUE, Leigh, near Southend, Essex, manufacturers of stone ware drain pipes and drain tiles. Drain pipes and tiles to any pattern.—Orders received at, and executed from Harrow-bridge Wharf, Stratford, Essex; Falcon Wharf, 80, Bankside, Blackfriars; and at their Cement Works, Orchard House, Blackwall.

COBBETT'S REGISTERED GLASS VALVE CLOSET.—The materials of which the valve is constructed, "Vulcanised Indian-rubber and Glass," both substances impervious to the action of the soil, give it a claim of superiority over the metal pan and valve, which as soon corrode, and lose the water from the basson, causing an unpleasant smell. The glass valve also has a very clean and perfect appearance. It can be seen in action at the Manufactory, 34, Villiers-street, Strand, where it is in constant use.

GEORGE JENNINGS, 29, Great Charlotte-street, Blackfriars-road, begs to call the attention of those interested to the following article, which he has invented and patented. JENNINGS'S PATENT SHOP SHUTTER SHOE AND FASTENER.—The trouble and disfurnement caused by the unsightly shutter bar is so well known to all persons, that it is only necessary to say a shop front receives more injury from the application of the shutter bar than it does from any other cause.

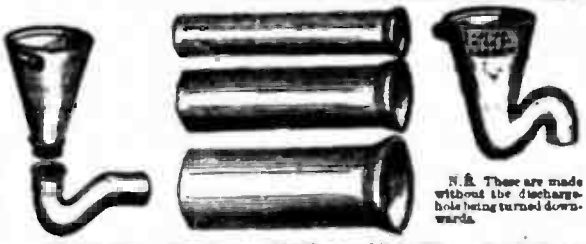
Fig. 1.

Fig. 1 represents a pair of Jennings's Shutter Shoes and Fasteners, which not only protect the corners of the shutters, but effectually secure them; and the cost of the patent fastenings is less than the destructive and troublesome bar. They can be had in malleable iron at 1s. per shutter, or in brass at 3s. per shutter; and are to be seen at most of the principal shops in London. Reference given to upwards of 1,000 fronts shod and secured by this simple fastening.—The foregoing, with JENNINGS'S VALVES, &c., can be had at his Manufactory, 29, Great Charlotte-street, Blackfriars-road, London.

JAMES STIFF, MANUFACTURER of GLAZED STONE WARE DRAIN PIPES, BENDS, JUNCTIONS, TRAPS, &c., 30, HIGH STREET, LAMBETH, LONDON. Established 1751.

Water Closet Pans, with Syphon Traps, 7s. 6d. each.

STRAIGHT TUBES, with Socket Joints, in 2 feet lengths



N.B. These are made without the discharge-hole being turned downwards.

3 in. bore, 5d. 4 in. 6d. 6 in. 9d. 9 in. 1s. 1½d. 12 in. 1s. 10d. 15 in. 2s. 18 in. 4s. per Foot.

The great advantages attending the use of these articles are now so generally understood, as to render any enumeration of them almost superfluous. Their cheapness, efficiency, and durability, are universally admitted; while the rapidly increasing demand for them proves their estimated superiority over every other kind hitherto before the public for similar purposes.

Inspection is invited to an assorted stock of Drain Tubes, of every form and size, adapted to the various situations for which they may be required; as also to the WATER-CLOSET PANS OF IMPROVED CONSTRUCTION, and interior glaze far surpassing any other manufactured of Brown Stone Ware.

May be had also at Messrs GLADDISH'S LIME WHARFS,—Pedlar's Acre, Westminster Bridge; City-road Wharf, City Basin Dockhead, Bermondsey; Danvers's Wharf, foot of Battersea Bridge, Chelsea; Pratt Wharf, King's-road, Camden New Town.

DRAIN and WATER PIPES in GLAZED STONE WARE, MANUFACTURED BY HENRY DOULTON AND Co.—OFFICES: High-street, Lambeth, London. MANUFACTORIES: BIRMINGHAM POTTERY, ROWLEY REGIS, STAFFORDSHIRE; and High-street, Lambeth.

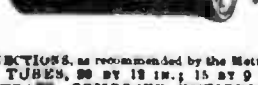
STRAIGHT TUBES, WITH SOCKET JOINTS, from 1 inch to 24 inches bore.

DEAR SIR,—I would respectfully recommend the building profession generally, in future to use no other material than Glazed Stoneware Pipes for house drains; and I am quite sure by their so doing, they will be conferring a great boon on public health, and that to an extent they little suppose. I also respectfully submit that there is now no reasonable excuse for their not using them, for it has been proved that as regards strength, durability, and efficiency, there cannot be a better article.

I am, Dear Sir, yours truly,

Mr. H. Doulton. JOHN PHILLIPS.

Testimonials from Messrs Rose and Phillips, Surveyors to the new Metropolitan Commission of Sewers.



DEAR SIR,—In reply to your request, I beg to state that Glazed Stoneware Tubular Drains are those which I would in all cases recommend builders or proprietors of houses to use, there being no other material that at this time equals them in efficiency joined with economy.

I am, Dear Sir, yours truly,

Mr. H. Doulton. JOHN ROE.

JUNCTIONS WITH EASY CONNECTIONS, as recommended by the Metropolitan Commission of Sewers.

REGISTERED EGG-SHAPED TUBES, 30 BY 12 IN.; 15 BY 9 IN.; 9 BY 6 IN.; 6 BY 4 IN.

REGISTERED AIR-TIGHT FLAP TRAPS, COMPOSED ENTIRELY OF GLAZED STONE WARE.

BENDS, JUNCTIONS, AND SYPHON TRAPS OF EVERY DESCRIPTION.

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